

Claims

1. An electric power tool, having an electric motor
5 located in a housing (10), and having a cooling device (16,
18, 20, 30, 32), characterized in that the cooling device
(16, 18, 20, 30, 32), at least in some regions, has a cooling
conduit (30) that is substantially closed off from an
interior of the housing (10).

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2. The electric power tool in accordance with claim 1,
wherein the cooling conduit (30) is let into a support
plate (28) of a motor housing (26).

15 3. The electric power tool in accordance with claim 1
or 2,

wherein the cooling conduit (30) is covered with a
cover plate (32).

20 4. The electric power tool in accordance with claim 3,
wherein the cover plate (32) is embodied integrally
with a motor housing (26).

25 5. The electric power tool in accordance with one of
the foregoing claims,

wherein the cooling conduit (30) discharges into an
intake nozzle (20) protruding from the housing (10).

30 6. The electric power tool in accordance with claim 5,
wherein the intake nozzle (20) is located in a face end
(14) of the housing (10).

7. The electric power tool in accordance with the
preamble to claim 1 and in particular in accordance with one

of the foregoing claims,

wherein the cooling conduit (30) extends substantially rectilinearly.

5 8. The electric power tool in accordance with one of the foregoing claims,

 wherein at least two cooling conduits (30) are provided.

10 9. The electric power tool in accordance with one of the foregoing claims,

 wherein lateral and/or face-end air inlet openings (16, 18) are provided.

15 10. A right-angle grinder having a cooling device in accordance with one of the foregoing claims.